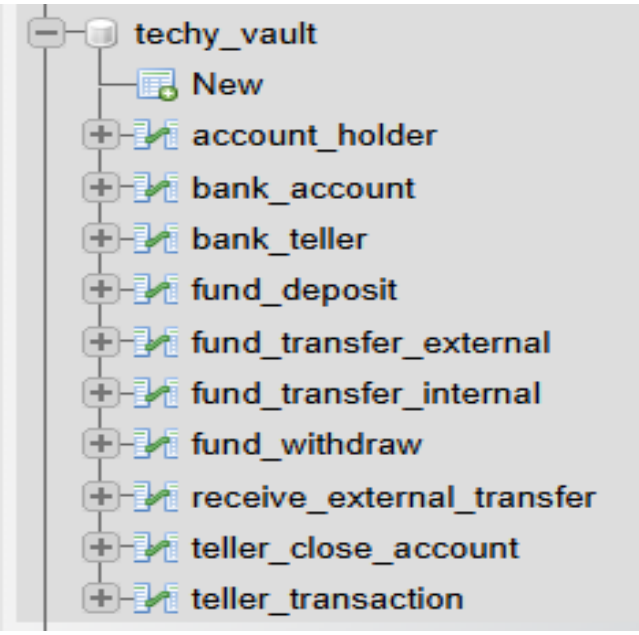
DATABASE IMPLEMENTATION



Account Holder

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
1	account_holder_id	int(11)			No	None		AUTO_INCREMENT	Change Drop
2	first_name	varchar(50)	utf8mb4_general_ci		No	None			Change Drop
3	last_name	varchar(50)	utf8mb4_general_ci		No	None			Change Drop
4	middle_name	varchar(50)	utf8mb4_general_ci		Yes	NULL			Change Drop
5	account_id	int(11)			Yes	NULL			Change Drop
6	phone_number	varchar(20)	utf8mb4_general_ci		Yes	NULL			Change Drop
7	email	varchar(100)	utf8mb4_general_ci		Yes	NULL			Change Drop
8	password	varchar(255)	utf8mb4_general_ci		No	None			Change Drop
9	created_at	datetime			Yes	current_timestamp()			Change Drop
10	updated_at	datetime			Yes	current_timestamp()		ON UPDATE CURRENT_TIMESTAMP()	Change Drop

Bank Account

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
1	account_id	int(11)			No	None		AUTO_INCREMENT	Change Drop M
2	name	varchar(100)	utf8mb4_general_ci		No	None			Change Drop M
3	account_number	varchar(20)	utf8mb4_general_ci		No	None			Change Drop M
4	account_balance	decimal(15,2)			Yes	0.00			Change Drop M
5	is_active	tinyint(1)			Yes	1			Change Drop M
6	created_at	datetime			Yes	current_timestamp()			Change Drop M
7	updated_at	datetime			Yes	current_timestamp()		ON UPDATE CURRENT_TIMESTAMP()	Change Drop M

Bank Teller

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
1	teller_id	int(11)			No	None		AUTO_INCREMENT	Change Drop More
2	first_name	varchar(50)	utf8mb4_general_ci		No	None			Change Drop More
3	last_name	varchar(50)	utf8mb4_general_ci		No	None			Change Drop More
4	middle_name	varchar(50)	utf8mb4_general_ci		Yes	NULL			Change Drop More
5	account_id	int(11)			Yes	NULL			Change Drop More
6	phone_number	varchar(20)	utf8mb4_general_ci		Yes	NULL			Change Drop More
7	email	varchar(100)	utf8mb4_general_ci		Yes	NULL			Change Drop More
8	password	varchar(255)	utf8mb4_general_ci		No	None			Change Drop More
9	created_at	datetime			Yes	current_timestamp()			Change Drop More
10	updated_at	datetime			Yes	current_timestamp()		ON UPDATE CURRENT_TIMESTAMP()	Change Drop More

Fund Deposit

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
1	fund_deposit_id	int(11)			No	None		AUTO_INCREMENT	Change Drop More
2	teller_transaction_id	int(11)			No	None			Change Drop More
3	account_id	int(11)			No	None			Change Drop More
4	transaction_amount	decimal(15,2)			No	None			Change Drop More
5	deposit_date	datetime			Yes	current_timestamp()			Change Drop More

Fund Transfer External

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
1	fund_transfer_external_id	int(11)			No	None		AUTO_INCREMENT	Change Drop More
2	sender_account_id	int(11)			No	None			Change Drop More
3	recipient_account_id	varchar(50)	utf8mb4_general_ci		No	None			Change Drop More
4	recipient_bank_name	varchar(100)	utf8mb4_general_ci		No	None			Change Drop More
5	transaction_no	varchar(50)	utf8mb4_general_ci		No	None			Change Drop More
6	transaction_amount	decimal(15,2)			No	None			Change Drop More
7	trasaction_date	datetime			Yes	current_timestamp()			Change Drop More

Fund Transfer Internal

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
1	fund_transfer_internal_id	int(11)			No	None		AUTO_INCREMENT	Change Drop More
2	transaction_no	varchar(50)	utf8mb4_general_ci		No	None			Change Drop More
3	recipient_account_id	int(11)			No	None			Change Drop More
4	transaction_amount	decimal(15,2)			No	None			Change Drop More
5	trasaction_date	datetime			Yes	current_timestamp()			Change Drop More

Fund Withdraw

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
1	fund_withdraw_id	int(11)			No	None		AUTO_INCREMENT	Change Drop More
2	teller_transaction_id	int(11)			No	None			Change Drop More
3	account_id	int(11)			No	None			Change Drop More
4	transaction_amount	decimal(15,2)			No	None			Change Drop More
5	withdraw_date	datetime			Yes	current_timestamp()			Change Drop More

Receive External Transfer

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
1	receive_external_transfer_id	int(11)			No	None		AUTO_INCREMENT	Change Drop More
2	sender_account_id	varchar(50)	utf8mb4_general_ci		No	None			Change Drop More
3	recipient_bank_name	varchar(100)	utf8mb4_general_ci		No	None			Change Drop More
4	recipient_account_id	int(11)			No	None			Change Drop More
5	transaction_no	varchar(50)	utf8mb4_general_ci		No	None			Change Drop More
6	transaction_amount	decimal(15,2)			No	None			Change Drop More
7	trasaction_date	datetime			Yes	current_timestamp()			Change Drop More

Teller Close Account

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
1	teller_close_account_id	int(11)			No	None		AUTO_INCREMENT	Change Drop More
2	teller_id	int(11)			No	None			Change Drop More
3	account_id	int(11)			No	None			Change Drop More
4	reason	varchar(255)	utf8mb4_general_ci		No	None			Change Drop More
5	withdraw_date	datetime			Yes	current_timestamp()			Change Drop More

Teller Transaction

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
1	teller_transaction_id	int(11)			No	None		AUTO_INCREMENT	Change Drop More
2	transaction_type	varchar(50)	utf8mb4_general_ci		No	None			Change Drop More
3	teller_id	int(11)			No	None			Change Drop More
4	account_id	int(11)			No	None			Change Drop More
5	transaction_amount	decimal(15,2)			No	None			Change Drop More
6	transaction_date	datetime			Yes	current_timestamp()			Change Drop More